

**Amendments to the claims:**

1. (previously presented) A method of identifying compounds having antimicrobial activity comprising:
  - a) combining an oomycete FtsZ-mt protein having the amino acid sequence of SEQ ID NO:2, and a compound to be tested for an ability to bind to said polypeptide, under conditions conducive to binding,
  - b) selecting a compound of step (a) that is capable of binding to said polypeptide,
  - c) applying a compound of step (b) to a microbe to test for antimicrobial activity, and
  - d) selecting a compound of step (c) having antimicrobial activity.
2. (previously presented) The method of claim 1, wherein said polypeptide is encoded by an isolated DNA molecule comprising a nucleotide sequence identical to the sequence of SEQ ID NO: 1.
- 3-8. (canceled)
9. (original) The method of claim 6, wherein the microbe is an oomycete.
10. (original) The method of claim 9, wherein the oomycete is *Phytophthora infestans*.
- 11-51. (canceled)